MARKED UP PARAGRAPHS

Although permanently installed misting systems ~~they~~ may also exhibit certain disadvantages. For example, permanently installed misting systems are often relatively expensive to purchase and install. Permanently installed misting systems often do not lend themselves to removal and reinstallation at a different location. It will therefore be understood that permanently installed misting systems are not typically used at facilities that are either rented or leased.

In accordance with more particular aspects of the invention, a transportable, positionable, directionable insect control mister comprises a frame supported on one or more wheels for movement over the underlying surface, including rough surfaces and curbs. The frame may be provided with a handle to facilitate movement and positioning of the insect control system. The handle may be collapsible to facilitate transport and storage of the mister. The frame includes and/or supports a tank which receives an insect controlling chemical agent to be dispensed. The tank either comprises or is surrounded by a housing or shroud which also encloses a pump and a control system. The pump and the control system are powered by electricity received through typically [[a]] an electrical cord, or by a rechargeable battery. A plurality of discharge arms are mounted on the housing and either comprise or support discharge passageways extending from the pump to discharge nozzles mounted at the distal ends of the arms. Extended discharge arms having lengths of 25 feet or more may also be used in the practice of the invention.

In the drawings the nozzles 38 are shown directed upwardly. However, as will be appreciated by those skilled in the art, the nozzles 38 are positionable and directionable so that the spray discharged therefrom is directed in such a manner as to ~~the~~ achieve maximum insect control effectiveness.

At any convenient time prior to utilization of the insect control system 10, the tank 22 thereof is filled with an appropriate concentration of a selected insect controlling chemical agent. The pump and control system contained within the housing 26 receive operating power either through an electric cord [[24]] 34 or from a rechargeable battery. Upon operation of the pump, the insect controlling chemical agent is discharged from the tank through the nozzles 38 thereby effecting insect control. The pressure at which the insect controlling chemical agent is discharged and the time duration of the discharge are regulated by the control system in accordance with the requirements of particular applications of the invention.

When discharge is completed, the wheel or wheels 14 and the handle 18 may be utilized to reposition the insect control system 10 at a different area within the selected location requiring insect control. At each location the discharge from the nozzles 38 is directed for maximum effect. After all the areas of the selected location have been treated, the wheel or wheels 14 and the handle 18 may be utilized to return the insect control system to the vehicle for transport to a different location. Alternatively, the insect control system can be ~~housing~~ housed or stored at the original location for subsequent utilization.

At any convenient time prior to utilization of the insect control system 50, the tank 22' thereof is filled with an appropriate concentration of a selected insect controlling chemical agent. The pump and control system contained within the housing 26' receive operating power either through an electric cord ~~24'~~ 34' or from a rechargeable battery. Upon operation of the pump, the insect controlling chemical agent is discharged from the tank through the nozzles 38' thereby effecting insect control. The pressure at which the insect controlling chemical agent is discharged and the time duration of the discharge are regulated by the control system in accordance with the requirements of particular applications of the invention.

When discharge is completed, the wheel or wheels 14' and the handle 18' may be utilized to reposition the insect control system 10' at a different area within the selected location requiring insect control. At each location the discharge from the nozzles 38' is directed for maximum effect. After all the areas of the selected location have been treated, the wheel or wheels 14' and the handle 18' may be utilized to return the insect control system to the vehicle for transport to a different location. Alternatively, the insect control system can be ~~housing~~ housed or stored at the original location for subsequent utilization.

The insect control system 50 differs from the insect control system 10 in two additional respects. First, a rack 42 is provided at the front of the housing 26 to receive and support the arms 36, the attached portions of the quick disconnect couplings 37 and the nozzles 38 when the system 50 is not in use. In this manner transportation and storage of the system 50 is facilitated. The handle 18 is adapted for removal from the housing 26 and ~~repositioning~~ repositioned as shown in dashed lines in the drawings, again to facilitate to transportation and storage of the insect control system 50.